

MII Users Association of America

c/o Gardy-McGrath International 8580 Cinderbed Rd Ste 1000 Newington, Va. 22122

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MII Playback

Monthly Newsletter of the MII Users Association of America

July 1991

Vol. 1, No. 4

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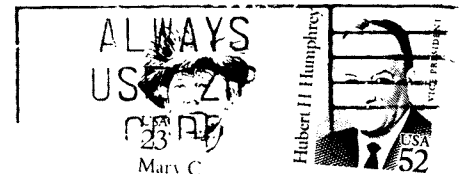
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MII Users Association of America
c/o GMG International, Inc.
8580 Cinderbed Road, Suite 1000
Newington, VA 22122



Commentary from the Executive Director

The JVC Issue

Throughout our early efforts to form a national association, we have not addressed the issue of JVC manufactured MII components and the special need of JVC users. In recent months, we have had several discussions with top officials at JVC in an effort to form a rapport that would allow us to effectively represent a growing contingent of our membership that owns JVC MII equipment. We have endeavored to do this for two reasons:

- o There are several JVC MII user members who have contacted us concerning issues about support with JVC equipment.
- o There are persistent industry rumors that JVC is considering dropping the MII format.

We have referred the issues outlined by users to Mr. Jim Turner of JVC Sales. We have let him know that we wish to assist JVC in any way possible to coordinate user issues in an effort to resolve any problems. We will be reporting in the next newsletter on exactly what actions JVC is taking regarding the issues presented by our user members. In addition we will contact JVC users individually regarding these actions. In the interim, we are providing a regional map of JVC Service Centers in this issue which was sent to us by Mr. Chuck Sterchele of JVC Service and Engineering who has been extremely responsive on service issues.

On the issue of JVC dropping MII, the association has made it clear we are steadfastly against such an action. Currently JVC is only producing the KRM-820 unit for the American market. JVC's new MII line shown at NAB has yet to be distributed in America although there are rumors it is being sold in Europe. According to Mr. Dave Walton, JVC Pro Products Professional Marketing Manager, "JVC is committed to the MII format". When I asked him how long this commitment would last, he could not comment, but agreed to forward a faxed request for the answers to that question and a response on JVC's future MII product offerings in America, to Japan for a definitive answer. The fax request as transmitted to Mr. Walton is shown here:

July 29, 1991

*JVC Company of America
Attn: Mr. Dave Walton*

Dear Dave,

Pursuant to our discussion of July 26, 1991 the MII Users Association of America is seeking direct responses to the following issues:

When will the most recent generation of JVC MII equipment exhibited at NAB 91 and currently for sale in Japan and Europe be available in the United States of America?

How long does JVC plan to continue manufacturing the MII line? Is there any truth to the rumor that the MII line is being dropped by JVC?

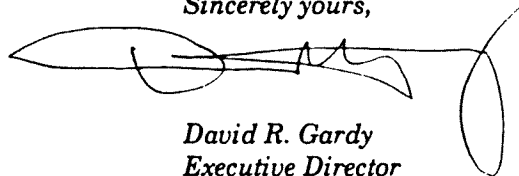
Are there playback and interference differences between JVC's MII and Panasonic's MII? If so, when will a bulletin be issued from JVC regarding these interference difficulties?

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We represent over 170 MII facility members nationally on issues that concern our membership. Many of our members own JVC equipment and are concerned about JVC's continued support of this format. We seek a response from Japan, if possible, and look forward to your prompt response.

Thank you for your prompt attention to these matters.

Sincerely yours,



David R. Gardy
Executive Director
MII Users Association of America

We are currently awaiting a response.

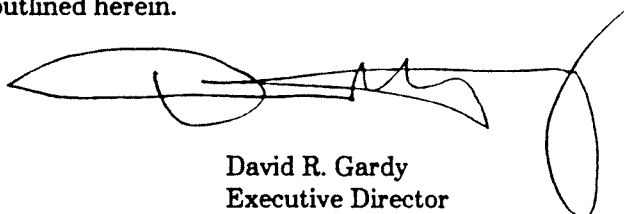
Although JVC's MII line was originally set up to fulfill NBC's purchase prerequisite for a second source for the MII components, the JVC line has come to mean much more than that to the many small facility owners that invested in it. I was always impressed with the JVC features available for the price. More over, its obvious after discussions with our users that the JVC line is fulfilling a unique market niche.

It is clear that JVC's current market push is to sell SVHS, but that does not mean it is time to abandon MII. There are idiosyncrasies with JVC MII components that result in different service procedures than are required by Panasonic gear, and consequently a dedicated JVC service commitment is required. The association feels the best way to maintain that required service commitment is to continue the design and manufacturing commitment that should accompany JVC's continued dedication to producing the format. As an association of committed end users we will work in earnest to insure that format commitment continues.

We seek to open the doors of communication with JVC. We are hoping to keep JVC exposed to the importance of maintaining a commitment to a product format and we are willing to work with JVC personnel towards that end by keeping them appraised of user needs. Since 1980 I have owned almost every JVC product line offered. The company's innovative marketing approach to an affordable 3/4 " product line and professional quality 3 tube cameras helped me start my company.

But there are many (especially at JVC) who feel the company's elimination of the CR-850 3/4" product line was premature. (The resulting black market for used CR-850 units that exists even to this day is testimonial to the fact that the move may not have served the needs of all JVC users for years to come.)

The investment made by facilities that believe in JVC MII in some cases represent lifetime savings, mortgaged houses, and blood, sweat and tears in building a business...Subjecting JVC MII to the same fate as JVC 3/4" simply isn't equitable. These users deserve to have the manufacturer believe in the format as much as they do. We seek JVC's response to our questions...and we are prepared to publish any statement they wish to send us regarding the issues outlined herein.

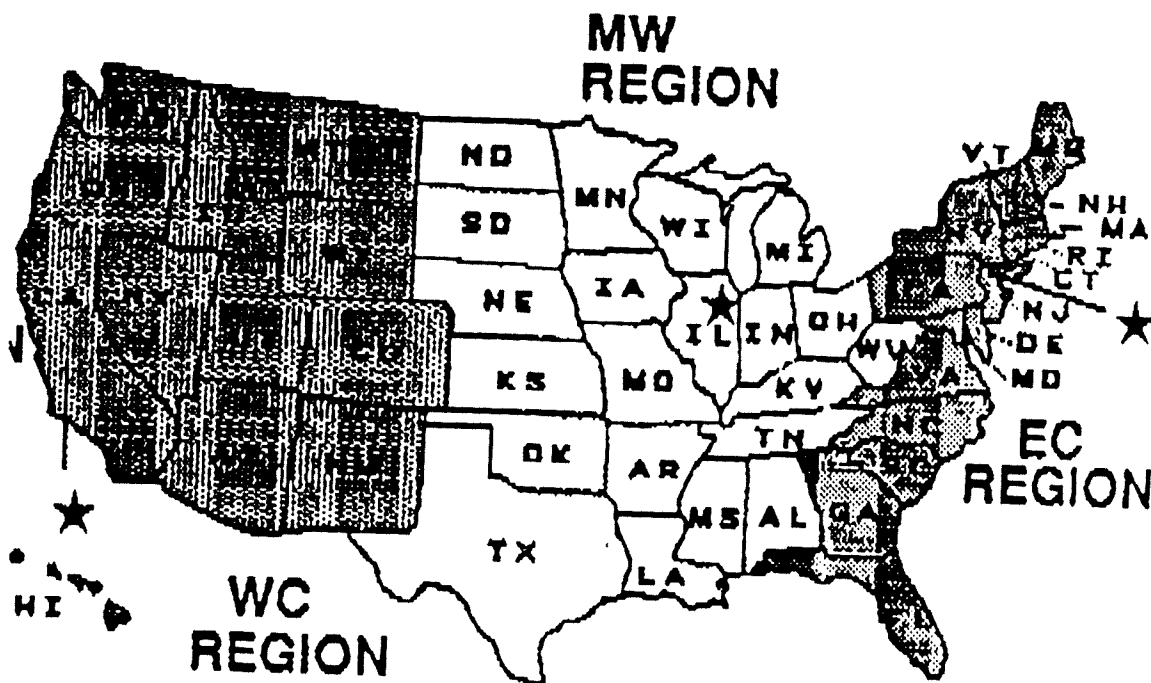


David R. Gardy
Executive Director
MII Users Association of America

JVC REGIONAL MAP FOR SERVICE/PARTS/AND TECH SUPPORT

PROFESSIONAL PRODUCT SERVICE

For Service & Tech Support Call (201) 808-9497



EASTERN REGION

107 Little Falls Road

Fairfield, NJ 07004

(201) 808-9279 (SERVICE & TECH SUPPORT)

(201) 808-6873 (PARTS ONLY)

PARTS FAX NO. (201) 808-0253

MID WEST REGION

2250 Lively Boulevard

Elk Grove Village, IL 60007

(708) 364-0880 (SERVICE & TECH SUPPORT)

(708) 364-0887 (PARTS ONLY)

PARTS FAX NO. (708) 364-5340

WESTERN REGION

5665 Corporate Avenue

Cypress, CA 90630

(714) 229-8011 (SERVICE & TECH SUPPORT)

(714) 229-8000 (PARTS ONLY)

PARTS FAX NO. (714) 952-2305

SOUTH EAST REGION

1500 Lakes Parkway

Lawrenceville, GA 30243

(404) 339-2582 (SERVICE & TECH SUPPORT)

(201) 808-6873 (PARTS ONLY)

HAWAII BRANCH

(808) 833-5828 (PARTS & SERVICE)

TELE-FAX NO. (808) 833-4428

SOUTH WEST REGION

407 Garden Oaks Boulevard

Houston, TX 77018

(713) 694-3331 (PARTS, SERVICE & TECH SUPPORT)

TELE-FAX NO. (713) 694-7132

The MII Story: From a Dealer's Perspective

Executive Directors note: Paul Farren of Communications Televideo Limited (CTL) is a Silver Spring, Maryland dealer who has been supporting the MII format since its inception in 1986-87. He has been there through thick and thin for all the MII users in the mid-atlantic and he has many battle scars to prove it. In the interest of getting more dealers to provide input to the association (as we have many dealer Members), I asked him to give us a "mind-dump" one day, describing the MII format from his perspective...ad a dealer in a large market. The following is an un-edited transcript from a speaker-phone recording on July 30, 1991. I asked Paul to "tell it like it is", and whether you agree or not, he did. We're grateful for the time he took out of his sales day to do it.

Interview with Paul Farren of Communications Televideo Limited, Silver Spring, Maryland
July 30, 1991

"Basically, from a dealer's perspective, especially a dealer who does not sell Betacam, MII was our first opportunity to sell into a broadcast format, aside from 1" and Betacam. When MII was first introduced, we were very excited about it because it was a new format and had been accepted by NBC, as well as it had been picked as the de facto standard by NHK in Japan as being the superior recorded format: NHK had issued a request for proposals for various types of formats and MII was the winner. We immediately saw it as a viable and important format and we had hoped that it would be extremely popular. One problem was that we, as dealers, did not have immediate or direct access to MII and it was only through a lot of lobbying and persuading and local direct representatives like Joe Wertla, of Commercial Video Representatives, that helped get the dealer involved in MII Sales. Panasonic had originally taken the stand that it was a hoity-toity Broadcast format and that it was only really supposed to be available to Broadcasters and they didn't really care very much whether a dealer sold it or not. This made it very difficult for the dealers to get updated information and literature on it, but once again, thanks to Joe Wertla, he kept us very well abreast of MII and also provided a means for us to provide MII equipment to smaller production companies, which was not the initial marketing outlook of Panasonic. I think that, that was a tremendous mistake on Panasonic's part that they did not give it to the dealers initially; if they had I think the format would have been far more prevalent than it was in its formative, struggling years.

That brings us up to the present where the second generation of MII equipment that Panasonic has completely redesigned, and by the use of large scale integrated circuits (LSIs), has reduced the cost, the weight and the complexity of the MII format and has actually gone through an improvement and made it quite an affordable format. Now you have a true broadcast format with such things as Hi-Fi or FM audio, as well as linear audio, and automatic tracking, the equivalent to Betacam's Dynamic tracking, very clear freeze frame/slow motion, etc., provided to an end-user at a cost basically near what broadcast 3/4" equipment had been. So, you now have a true broadcast format available to end-users with a budget, like small production companies, government agencies and schools who do not have \$30,000 per machine to spend for editors, etc. Now, simultaneously with the reduction in price and new generation of machines, Panasonic has gone through a large change in their marketing strategy where they did provide MIIs to their higher end dealers, and this has increased the prevalence of MII substantially over the last year or so. Ever since Panasonic introduced and provided them to the dealers, they have substantially expanded their base of people who are promoting the equipment, and your MII Users Association should be growing weekly at a relatively good pace.

Along the way, JVC formed its own MII line to just be a second company providing an alternative source of MII equipment so that it would not be a one-source situation. Over the years they made a pretty good commitment: they came out with their own design equipment as well putting their name on some of the Panasonic lines of equipment. They have actually produced two MII units: the original KRM800, which was a very simplistic and inexpensive MII machine, and later the KRM820, which is a quite unique machine and very, very cost effective, especially for people who are looking to do A/B roll editing on a budget. It is a machine that has a list price of \$12,190 with time code, that includes an A/B roll editing controller built into it, so for virtually the price of an editor you're also getting an editor with an A/B roll controller which will control two source machines. They can be additional KRM820s, AU-65s, or even AU-520s. Now, for some reason, JVC stopped selling the Panasonic equipment that they had been putting their name on (I think that was due to availability from Panasonic), but JVC's commitment to MII has not been as strong as that of Panasonic, in fact they are kind of waffling on MII; in other words, they are taking the position that "if it takes off we'll go with it, otherwise we'll just produce the KRM820". But frankly the availability of KRM820s has been fairly slow. Whenever we have ordered one it has taken generally quite some time for us to get it, so they are certainly not manufacturing a large number of these and inventorying them; it is on a small basis, even though it is quite an interesting machine.

MII is still a very, very good format; it is being used more and more by a lot of graphics people for animation and computer graphics, etc., as well as used by companies for normal production uses. One of the important points is that the MII is full broadcast quality. The exact same equipment that NBC is currently using, as C-Span is using, as C&P Telephone and all the users of the MII Association are using, at a very cost effective price.

Sony has recently countered with their low-cost Beta product but when in fact they came out with their product, they made some noticeable compromises in the product features. For instance, they did not include FM/Hi-Fi recording and no dynamic tracking for slow motion. So if these qualities are important factors in your production, MII still remains an extremely viable format, where you can get full a broadcast quality recording and production system at a substantially lower cost than for its equivalent competitor, Betacam SP (not the new stripped down Betacam).

There are new products coming out which Panasonic is marketing: The 1/2" digital format, which is an evolution of Panasonic's broadcast, and it is my understanding that at this time it is not a product that dealers are able to sell. But if dealers have a client that requires this product, we will put Panasonic broadcast people in touch with our clients and they will take over the sale. As a dealer, I am not very comfortable with this situation because the tape recording format is certainly not the only thing required for a production company; there is going to be tremendous peripheral support necessary as far as switchers and various other components in the digital domain that will be necessary in creating digital effects. I seriously hope Panasonic does not make the same mistake with their 1/2" digital format that they did with the MII during its first years and not allow this large dealer network to promote the format. There are a number of clients that dealers have that would be candidates for the higher quality digital format, but it is my understanding right now that question is still up in the air, and I hope that it is resolved in favor of allowing the dealers to sell the 1/2" digital directly or even in conjunction with the Panasonic Broadcast people rather than just turn over the sale to them.

Tape consignment is an issue many users are concerned about. Tape consignment to me as a dealer would certainly be preferable to buying and storing tape. However, we dealers are inventorying tape because of our commitment to the format. We realize that if we have customers out there with machines, we have to stock tape in order to support

those customers. It is a significant financial burden because the tape is expensive and some people use large quantities of it. Of course, we would prefer that it be on consignment, but we are not sure how realistic that is.

Another issue is the training of dealership technicians in the MII format; that has been somewhat of a fiasco. We have signed our people up for training no less than three times, and to my knowledge no training seminars have taken place so far, and I believe we first signed up in November of last year. It was then scheduled for February, and then moved to April, and rescheduled again two or three times. Not that it is vitally important: the MII equipment does seem to be quite reliable, and we have not had a lot of need to service the equipment. The local Panasonic technicians that are to service it I think are excellent, but quite backed up from time to time, from what I hear. Our local tech, Mike Vaia was predominantly there for NBC. But as far as I know he has serviced everyone of my MII users in one way or another, although he is not the easiest person to reach, and sometimes it takes him quite some time. That's just like anything else; if you have one technician and multiple machines with problems, he is only one person. So, it would certainly be important for the MII division of Panasonic to educate as many dealership personnel as possible in servicing MII equipment to alleviate that problem. In fact, when MII was first introduced, they were advertising this broadcast 24 hour turnaround period where "you get it to us and we will turn it around to you in 24 hours," and they were really highly profiling their commitment to really professional network quality service, but I have not really found that to be the case. We as a dealership would like our personnel to be trained so that we can offer such quick turnaround to people. People who are buying this level of equipment are people who highly depend on having this equipment functional all the time. If they are down for one day, that can mean thousands of dollars of time. Generally, most of my customers are smaller production companies, and they do not have the resources to inventory stand-by machines, just in case something should go down. We, as the dealer, have demonstration equipment, but this demonstration equipment is precisely for that; it is demonstration equipment and we cannot take that equipment out of our show room to provide loaner equipment.

I am very, very enthusiastic to Panasonic agreeing to provide the MII Users Association with equipment to help provide this gap. I have referred a number of potential clients who have wanted to try the MII equipment to the Users Association, and I have had outstanding support from the MII Users Association in trying to help promote the format and provide people adequate hands on experience with MII that we as dealers really haven't been able to provide. We cannot let our demonstration equipment go out; it is here for a number of salespeople to use. The MII Users Association in that aspect has been very important to the dealers in helping in emergency situations and in giving the people a place to go and use the equipment."

News Flash!

From the Executive Director....

At the time of this printing, Panasonic is revising its service procedure to provide quicker response, 24 hours a day, seven days a week out of the Secaucus, New Jersey headquarters. The new program is the brainchild of Mr. Bart Kulescz, formerly of Quantel, who is taking over as service manager for Trevor Smith. I had the pleasure to meet Bart over dinner and discuss his planned approach to upgrade service support. He is committed to total customer satisfaction and is taking a hands on attitude to meeting user needs. Detail of his new program will be discussed in the next issue. For the latest details call Debbie at user headquarters (800) 966-1030.

Letters From Users

From George Phelps, AAACHEN Productions, Miami, Florida:

"Thank you for having sent the newsletters. I found them to be useful and informative. I think what MII Users Association of America is doing adds a lot of credibility to Panasonic's MII product line. If I have been exposed to such news letters sooner, then I no doubt would have purchased the MII line much quicker. I hesitated for one year on the purchase of the MII gear due to lack of confidence in MII and Panasonic's support of MII. Your newsletter create credibility for the product.

P.S. Add one word to "Sony Only"...Boloney!"

From Ed Janik, Ed Janik Productions, Pleasant Plains, Illinois:

"I am very pleased to hear about the MII Users Association of America. I have been the owner of an AU-60 for about a year now and have been very pleased with its' performance. In fact, I've been looking forward to the day when I can acquire more of the MII line.

I produce specialty videos for national distribution, mostly dance-instruction videos, and up to now have recorded my material on Hi8, then mastered on MII. This works very well because in my opinion, the master looks better than the original! How can this be? Simple. When you play back on the Hi8 EVO-9800, many undesirable artifacts on the Hi8 tape are eliminated with the DOC. The signal then makes its way thru my FA-300 TBC which transcodes to a component signal onto the MII. So I start with a "raw" composite Hi8 signal and end up with a "clean" component signal on MII. It's great!!! Sony is aware that I am (or was at the time) the only production house using exclusively Hi8 for capture. I would, however like to switch over to MII for this someday. Perhaps you could play a role in this.

I would like very much to promote MII as much as possible and work with other MII users."

From Marvin Mitchell, Operations Manager, Video Communications Systems, Mayo Clinic, Rochester, Minnesota:

"A recent article in Post magazine talked about a nation MII users group you have organized. I am most interested in this group.

Mayo Clinic has been a heavy MII user for two years. Our main facility in Rochester, Minnesota has extensive field MII equipment, central mastering and duplicating equipment, and a complete post-production suite. We have recently added MII A/B roll editing at our Jacksonville, Florida practice and will be purchasing similar equipment for our Scottsdale, Arizona clinic.

All three of our sites are fairly isolated from other MII users and we have to seek out users at ITVA and NAB. The availability of a national users group would provide an excellent forum for the exchange of information not otherwise available.

If you would be so kind, please send me any available information on the MII users group. We are excited about the prospect of membership"

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From Ken Muehlbauer, President, Avonix Video Systems Inc., Milwaukee, Wisconsin:

"I recently received a copy of your MII users association April 1991 newsletter. I would like to congratulate and encourage you on the development of this users association. I am sincerely disappointed that I hadn't heard of this earlier and we would have been delighted to become involved earlier.

As an introduction, Avonix is a 28 year old television systems organization. We are a dealer for a very broad range of professional broadcast and industrial audio/video systems and equipment. We became associated as a sales representative/distributor for MII in late 1986. We were one of the early organizations to recognize that MII was an outstanding and bonafide professional video technology.

In our market we have had outstanding success and Avonix is recognized as one of the leading distributors for MII in the country.

Avonix has been stocking MII tape since 1987. We try to keep all popular lengths in stock at all times. As you are aware, this has been recently very difficult to accomplish and we hope your association can become successful in encouraging Panasonic to provide a higher stocking level and faster delivery to their dealers on MII tape. You might try to encourage that they give dealers such as ourselves who are dedicated to stocking it (where some dealers do not stock tape, they place the order with the factory as they receive your order) a better discount which will even continue to encourage us to maintain adequate levels of MII tape inventory."

From Eric Ciel, Eric Ciel Videotaping, Phonixville, Pennsylvania:

"It was great talking with you the other week. Thank you for listing me among the country's MII users-a distinction that will undoubtedly help bring to me exactly the sort of information I want very much at this point in time. I saw the ad in In Motion magazine. I hope it helps spread the word and stimulates interest.

I went to a trade show near here recently and got a chance to see some MII equipment in action at the Panasonic booth. My, my, my how nice. It doth make one's mouth water in anticipation of things to one day come!

Thank you for taking the time to tell me about the association over the phone, and I hope your efforts are starting to bear fruit. Panasonic is really a great company and the format deserves wider acceptance. To heck with Snooty Sony and Company."

From Ken Santucci, AMPROD, Chantilly, Virginia:

"As a charter member in the association, I'm very pleased with the progress to date. I would like to suggest a quarterly priority issue list as defined by the executive director and used to leverage the membership.

Once the manufacturers realize that the association is more than merely production technicians, perhaps the association can accept special purpose contracts and grants. For example, test market a new position statement or market research, reactions, critique presentation materials, etc. Let me know your thoughts, I've got lots more."

If you'd like to contribute your thoughts for the next issue, we'd love to hear from you. Please send all comments to:

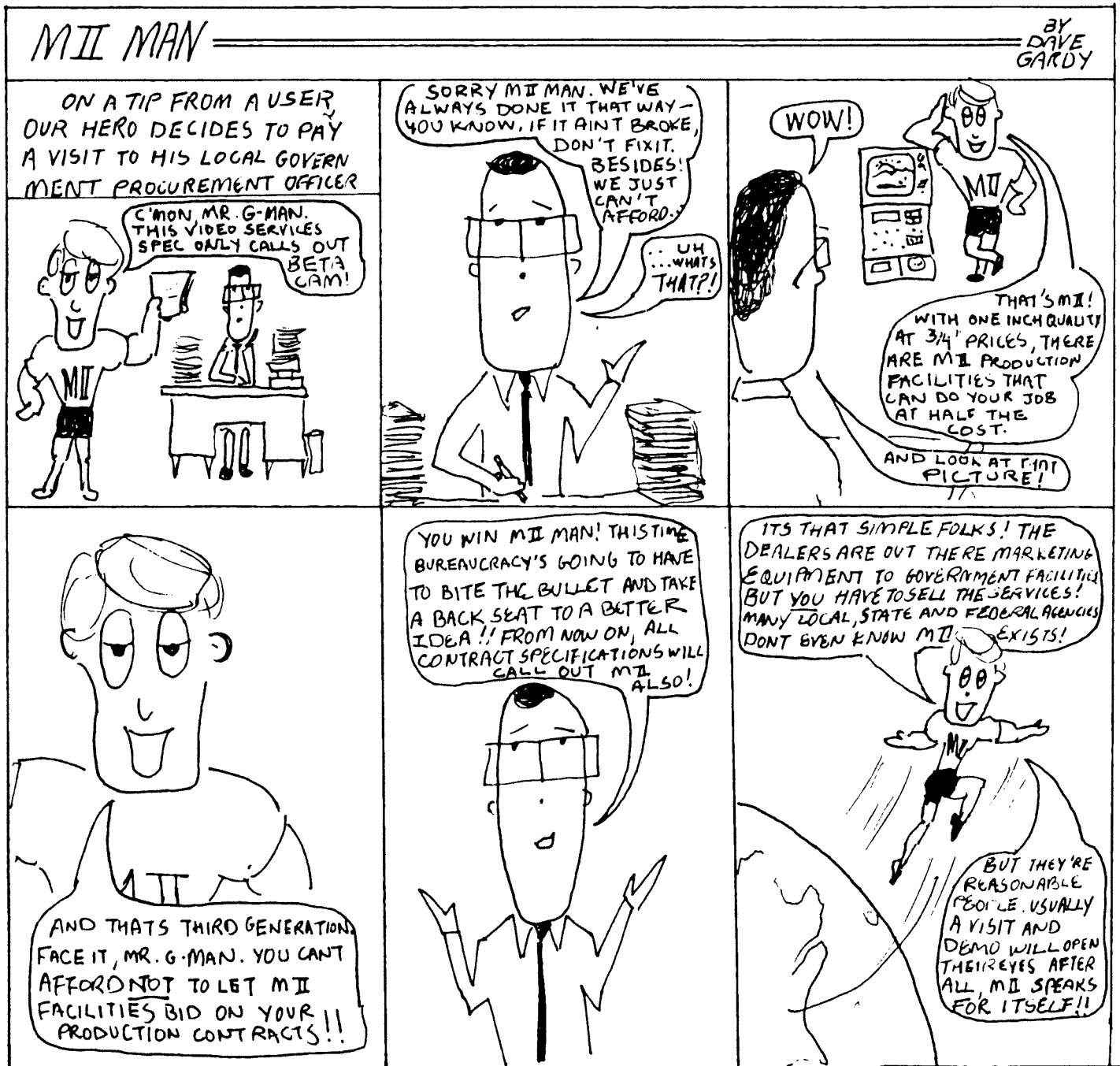
*MII Users Association of America
c/o GMG International, Inc.
8580 Cinderbed Rd. Suite 1000
Newington, VA 22122
Attn: Debbie or fax (703)339-0764.*

MII Users Day Scheduled for October 3 & 4, 1991

The MII Users Association Board of Trustees has selected October 3 and 4, 1991 as this years "Users Day". The Users Day will be held at a hotel location to be announced in the Washington, D.C. area at which time representatives of Panasonic and JVC will be on hand to meet with users in a seminar/workshop type environment. In addition, Panasonic will feature various equipment exhibits.

The two day event will include Associations committee meetings, discussions of critical MII issues and award presentations for the MII Video Production Award contest. Various other special activities are planned including an informal golf tournament, and the MII users association Exhibit facility in Newington, VA will be open to all members.

More details regarding this event will be forthcoming in next month's newsletter. If you think you might attend or if you have any ideas you think would help make a national meeting more beneficial for user attendees, please share your input with Debbie Stafford at 1-800-966-1030 or fax 703-339-0764.



WPSD-TV Engineer Details DXC-300/AU-500 Interface Procedure and AU-650 Pinch Roller Tech Tip

The following was recently provided to us by Senior Maintenance Engineer, Jim Franklin of WPSD-TV Paducah, Kentucky. Thank you Jim!

Dear MII Users Association,

Enclosed you will find a copy of the article for mating a Sony DXC-3000 camera to a Panasonic AU-500. If distributed, some readers/members may recall an article in Television Broadcast, April 1988. It was, unfortunately, incorrect on my part. The enclosed version is correct. I was gratified to note the idea of the mating was a valid one as proven by the June Newsletter article on the Betacam/MIJ interface.

Also submitted to Television Broadcast, but never printed, was an article on an AU-650 problem as follows:

TECH TIP

Symptom: The front panel display of the AU-650 indicated "REEL MOTOR" and went into "AUTO OFF". Occurred in normal Play and sometimes x1 speed (or less) Shuttle.

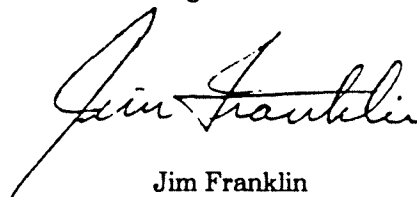
Action: Naturally, it was assumed that either the supply or the takeup reel motor, or drive circuit was bad. When experimentation proved nothing, a new reel motor was installed in first one side then the other but, the problem still persisted on an intermittent basis.

Cure: One weary eyed engineer finally noted that the pinch roller seemed to stop just before the auto off event. On the next try, the pinch roller was halted by hand and the symptom(s) Occurred. Removal, and inspection, of the pinch roller revealed the bearing to be very rough and more importantly, it was "hanging up" often in the forward direction while not doing so in the reverse direction. The original reel motors were installed, along with a new pinch roller, and the unit operated for one hour with no shutdown.

It goes without saying that a number of rollers should be kept on hand. Much cheaper than a reel motor. The above occurred in several more units and again, the pinch roller replacement cured the problem.

A sidebar to this: it's difficult for two hands to change the pinch assembly. We developed a little "third hand" tool to aid the change. Works for us. If you think it's desirable, I can send the mechanical details of the tool.

Regards

A handwritten signature in black ink, appearing to read "Jim Franklin". The signature is fluid and cursive, with a long, sweeping underline that extends to the left.

Jim Franklin

Mating Sony Cameras to MII Recorders

Have you invested in several Sony DXC-3000 CCD cameras and later found new Panasonic AU-500 MII recorders in house? Here's how to "marry" them.

You will need to order, for each pair-up, a Sony CCQZ-2V camera to VCR cable. No modification of the cable or Sony camera is necessary and, you only need a switch, one resistor and a few inches of wire.

First, remove the top and bottom covers of the AU-500 in order to expose the six screws securing the connector panel to the frame. Cabling "hinges" the panel along the bottom.

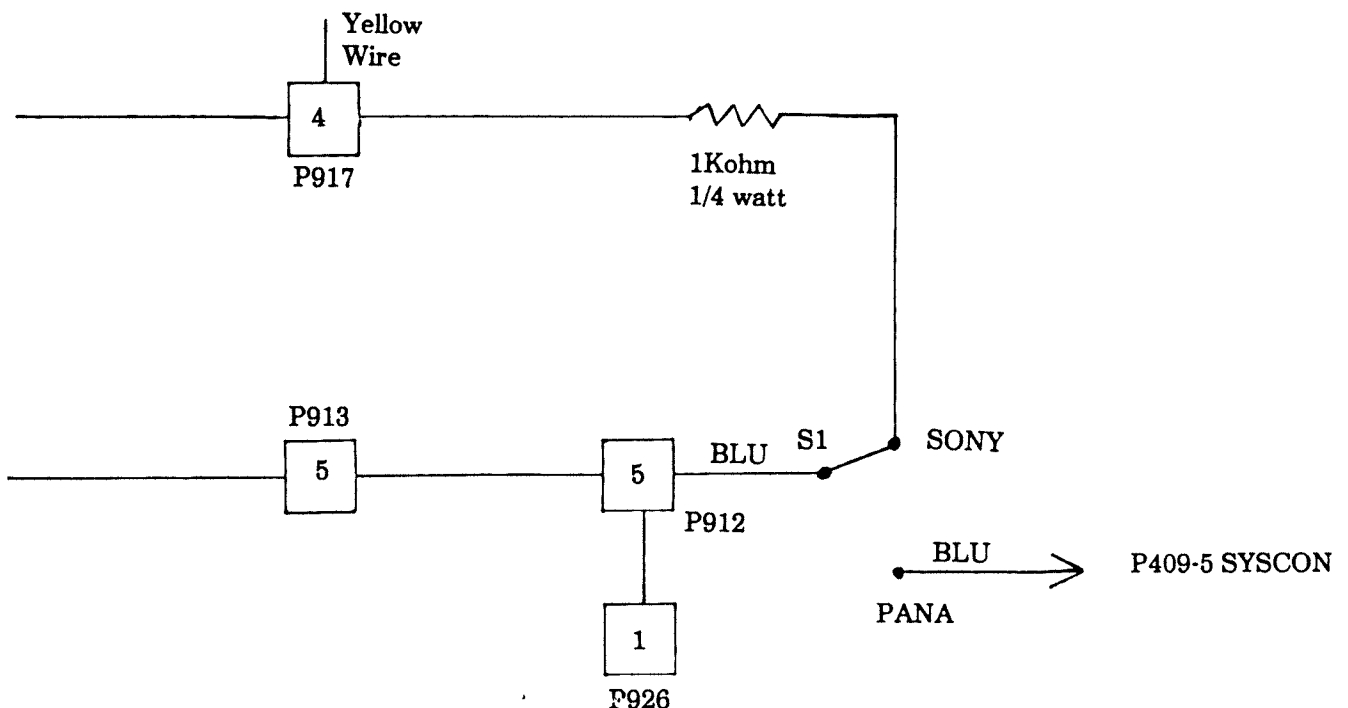
Next remove the screws securing the connector panel PWB. While you will only be able to get about .5 to .75 inch movement, you will need that at the top of the board as you mount the selector switch.

The switch I used is a GC (General Cement) Electronics #35-202, and is mounted between the BNC connectors labeled TIME CODE and SYNC in the upper left part of the panel. Carefully locate your drill site with a pin punch and even more carefully, drill your hole taking extreme caution not to "burst" through and damage the PWB. A vacuum cleaner is also handy to keep drillings from migrating to other areas. Using a Liberal amount of good epoxy cement, insert the switch and allow to dry overnight.

The switch chosen is a slide switch to decrease the possibility of clothing, cable, etc. from accidentally catching a toggle. Please note that some "dressing" of the hole is necessary to allow full area of slide. Also, if you do not need to switch between cameras, the modification can be hardwired without the switch which saves a lot of time.

Now locate P912 on the jack panel PWB, near the center. Cut the BLUE wire at pin 5 leaving about .75 inch of wire at the connector. Extend the loose end out of the bundle to one side of the switch to be labeled "PANA". From the other side of the switch, labeled SONY, connect a 1Kohm (1000ohm) .75 watt resistor to P917 pin 4. DO NOT CUT YELLOW WIRE. At the connector, just skin a little insulation off and tack on the resistor (or wire extension). Use heat shrink or insulating tubing where necessary. Extend the .75inch blue wire left at P912 pin 5 to the "wiper arm" of the switch. Other points shown on the diagram are for reference.

This should give you all control functions from either camera including viewfinder playback and monitor audio. Remember that you are still shooting "composite" video with the Sony.



MII Trading Post

Equipment For Sale

Panasonic AU-650's & AU-500's also JVC KRM-800's, KRM 820's, KRM 860's & KRM-460's all at discount prices. Conditions ranging from good to new. For further information call Steve Cohen at BSC (212) 268-8800.

AU 500 Portable MII Videotape Recorder (with Fan), Very low head hours, looks and works like new. Comes with carry case. Contact Joe Gora, Atlanta Video Production Center, call (404) 355-3398 or fax (404) 350-0302.

AU 500 Portable MII Videotape Recorder, New in 1987, Approximately 600 head hours, Excellent working condition. Also includes: Manual and A/C power supply. Asking \$4,500.00 Contact Dan Hall, Video Management Systems, 1004 E. Washington Street, Indianapolis, IN 46202, (317) 639-6163.

AU 500 Portable MII Videotape Recorder, New in 1989, Approximately 160 head hours. Also included: Manual, Portabrace carrying case and five cases of new 20 minute tape stock. Asking \$5,800.00 Contact Bob Abrahamson, West Net Video, 20023 Legend Oak Drive, Humble, TX 77346, (713) 852-7883.

JVC KR-M800U MII Edit Recorder, purchased new June 88. Low head hours, Asking \$7,300.00.

JVC KR-M 460U Portable MII Videotape Recorder, purchased new Dec. 88. Very low head hours. Also included: one Perrott PE-90 Nicad battery pack and charger, all in an Anvil case. Asking \$7,900.00.

JVC SA-T310 TBC for MII, purchased new Aug. 88. Asking \$4,575.

Generic Design SCA-850 Parallel to Serial w/timecode send, used with KR-M800U, purchased new June 88. Asking \$1,000.00.

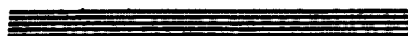
All equipment is in excellent operating condition and has been properly maintained.

If you buy the MII equipment as a package, 8% (\$1,662) will be deducted.

Additional equipment available. Contact L.A. Lentz, Lentz & Associates, P.O. Box 6181, Raleigh, NC 27628, (919) 828-6761.

JVC KM-1600 Y/C Special Effects Generator, Features: 4-Y/C Inputs, Chroma Keying, DSK (Downstream Keyer) function, Auto Transition Function, Color Matte & Color Bars Generator, Flip-Flop Bus, Built in Data Memory, Black Burst, GPI Function. Used in MII A/B Roll Editing System. Price \$4,000.00 Contact Biff VanCleve, Legal Media Center (713) 963-0397.

If you have equipment you would like included in the next Trading Post, give us a call at (800) 966-1030, (703) 339-8500 or Fax (703) 339-0764. (Please contact us when the equipment is sold.)



If you are not currently a member of the MII Users Association of America and would like to join, please contact us by phone, fax or mail at:

MII Users Association of America
c/o GMG International, Inc.
8580 Cinderbed Road, Suite 1000
Newington, VA 22122
Attn: Debbie
(800) 966-1030
(703) 339-8500
fax (703) 339-0764

Ken Santucci of AMPROD Video Appointed to Position of Membership Committee Chairman

We are pleased to announce the appointment of Mr. Ken Santucci to the position of membership committee chairman. In this new role he will serve the association membership by enhancing and expanding the membership services that the association provides to all MII users. We wish him luck in his new role and look forward to his innovations in the membership services area.

The following is the first in what will be a series of membership committee columns from Mr. Ken Santucci.

The users association is growing and maturing rapidly. Actually the range of functionality and flexibility of MII users and their production facilities demonstrate the vision and unique creativity of the MII community. It is this observation that has driven the introduction of the Membership Committee. It is my pleasure to coordinate this new function. I'm Ken Santucci of AMPROD (Advanced Marketing Productions). I've had MII since 1987; in fact Dave Gardy lent me my first MII tape. Tape availability was an old issue!

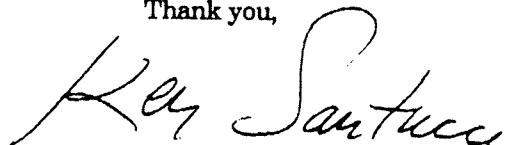
We'll extend the information transfer within the association. One method will be our MII Tips of the Month. You can help by submitting your application examples to the MII Users Association of America c/o GMG International, Inc. 8580 Cinderbed Rd. Suite 1000 Newington, VA 22122, Attn: Tips or fax (703) 339-0764 or submit to my Prodigy ID: HRXP06A.

My application tip for this issue is a recent integration of a Hi8 source. The Canon Hi8 line out through a TBC to the MII AU-650 yielded a good image. The interesting feature, however was the pause function. The resulting still image was very good. One had to anticipate the specific image as in rolling edits but it worked well. The application was a Summer Swim Team Summary.

The integration of formats and equipment are important to all MII users. The Newsletter has highlighted some of these. I'd like to ask for your examples and or questions in order to expand our learning base.

I hope we can share experiences from all association segments-Academic-Broadcast-Cable-Corporate-Non Profits and Government.

Thank you,

A handwritten signature in black ink that reads "Ken Santucci". The signature is written in a cursive, flowing style with a large initial "K".

Ken Santucci

MII Users Association of America

MII Video Production Awards

Rules for MII Video Production Awards

The MII Users Association of America, in association with Panasonic, is sponsoring the 1991 MII Production Awards.

Contest Categories are as follows:

	<u>Submittal Length</u>
1. Television Commercial Spots	Less than 60 seconds
2. TV (Self) Promotion	Less than 60 seconds
3. Television News or Documentary	Less than 60 minutes
4. Television, other	Less than 60 minutes
5. Training/Industrial	Less than 30 minutes
6. Corporate Promotional/Sales/Communications	Less than 30 minutes
7. Non Broadcast, Other	Less than 30 minutes
8. Best/most creative use of "Low Tech"-Mechanical creativity (ie. globe on string)	
9. Best/most creative use of Moderate priced equipment (ie. Toaster, other Industrial level equipment)	
10. Best/most creative use of Hi-Tech equipment	
11. Funniest Bloopers	

All production submissions must be edited on MII and may be shot in any format. Submissions must be on MII (We Recommend component dub of Master). You may submit more than one entry per tape as long as the tape/accompanying documentation is clearly labeled with all information regarding category, title and time code location for each submission on that tape.

Judging Criteria for each of the Categories are as follows:

1. Creativity - 25 points
 - Originality
 - Artistic Merit
 - Innovative Approaches
 - Methodology for fulfilling the video's intended purpose.
2. Technical Quality - 25 points
 - Colorimetry
 - Video Levels
 - Compliance with industry specifications
 - Resolution
 - Scene Transitions
 - Chroma Concurrence
3. Production Technique - 25 points
 - Continuity
 - Camera Angles and Movements
 - Composition
 - Cost/Production Value
 - Integration of effects and graphics.
4. Overall accomplishment of purpose - 25 points
 - Based on a "production purpose" statement submitted with the video of 25 words or less.

Please include a listing of relevant hardware and techniques used. Since this is the first year for the contest, you may submit entries from any year, not just this year. Multiple entries encouraged.

Contest submission deadline is September 6, 1991. Send all entries to:

MII Users Association of America
c/o Gardy-McGrath International
8580 Cinderbed Road, Suite 1000
Newington, VA 22122
Attn: Video Contest

We will return your tape, if you provide a stamped, self addressed envelope.

Panasonic Technical Bulletins Now Available

This month it's the Listing of Bulletins for the AU-650

The Association has obtained a set of Panasonic Technical Bulletins. We are in the process of cataloging all of these bulletins. Currently, only the bulletin listing for the AU-650 is complete. Each month we will run the listing for another MII model until we have covered them all.

Copies of the bulletins are available by submitting your written request to the association at:

MII Users Association of America
c/o GMG International, Inc.
8580 Cinderbed Road, Suite 1000
Newington, VA 22122
ATTN: Debbie
Fax (703)339-0764

Requests must be in writing and must include model number, bulletin number and subject covered. Also include your name and phone number (in case we have questions) and the complete mailing address for sending the copies to you. We will then send your copies out as soon as possible (we can fax them to you if necessary).

Panasonic Technical Bulletins

Listing of Bulletins Available for the AU-650

Model	Bulletin #	Subject	Order #
AU-650	2	Y AGC Clamp Pulse Interference	VRDMS 8611002
AU-650	3	Countermeasure for H Sag	VRDMS 8611003
AU-650	3	Improvement of FM Audio	VRDTI 8810011
AU-650	4	Change of Software (P-ROM)	VRDMS 8705066
AU-650	4	Stabilization of the Search Dial Operation	VRDTI 8812012
AU-650	5	Countermeasure for Tape Slack during Unloading	VRDMS 8701005
AU-650	5	Change of Software to F-Version	VRDTI 8902013
AU-650	6	Improvement of REC EQ Characteristics	VRDMS 8701006
AU-650	6	Video Mute during Loading/Unloading	VRDTI 8902014
AU-650	7	Improvement of SCH PLL	VRDMS 8701007
AU-650	7	Prevention of Switching Power Supply Damage	VRDTI 8903016
AU-650	8	Countermeasure for Narrow Blanking	VRDMS 8701008
AU-650	8	Improvement of the Search Indicator LEDs	VRDTI 8904017
AU-650	9	Countermeasure for Misoperation of VTC LINE SELECT	VRDMS 8701009
AU-650	9	Change of the Variable Inductance VL1	VRDTI 8904018
AU-650	10	Countermeasure for Edge Jitter Noise	VRDMS 8701010
AU-650	11	Countermeasure for Tape Damage	VRDMS 8701011
AU-650	12	Countermeasure for Spike Noise	VRDMS 8701012
AU-650	13	Improvement of REC CURRENT Adjustment for FM Audio	VRDMS 8701013
AU-650	14	Improvement of COMPOSITE S/N	VRDMS 8701014
AU-650	15	Change of Variable Resistor	VRDMS 8702015
AU-650	16	Full Erase Current	VRDMS 8702016
AU-650	17	Change of IC	VRDMS 8702017
AU-650	18	Service Manual Correction	VRDMS 8702018
AU-650	19	Countermeasure for Comb Filter IC Failure	VRDMS 8703019
AU-650	20	Frequency Characteristics Improvement	VRDMS 8703020
AU-650	21	Improvement of Adjustment Range	VRDMS 8703021
AU-650	22	Audio Frequency Characteristics Improvement	VRDMS 8703022
AU-650	23	Playback Frequency Characteristics Improvement	VRDMS 8703023
AU-650	24	Countermeasure for Over Modulation	VRDMS 8703024
AU-650	25	Improvement of the Y S/N	VRDMS 8703025
AU-650	26	Improvement of the Tracking Fix Adjustment Range	VRDMS 8703026
AU-650	27	Improvement of Adjustment Range	VRDMS 8703027
AU-650	28	Countermeasure for Burst Waveform Distortion	VRDMS 8703028
AU-650	29	Countermeasure for ENC Non-Linearity	VRDMS 8703029
AU-650	30	Countermeasure for Misoperation of C SYNC SEPA	VRDMS 8703030
AU-650	31	Misoperation of Direction Detection during Z4 Mode	VRDMS 8703031
AU-650	32	FM Audio Circuit Attack Time	VRDMS 8703032
AU-650	33	Noise during X32 mode	VRDMS 8703033
AU-650	34	5th Generation Flicker	VRDMS 8703034

AU-650 Bulletins continued

Model	Bulletin #	Subject	Order #	Model	Bulletin #	Subject	Order #
AU-650	35	Tape Damage during FF or REW	VRDMS 8704035	AU-650	76	Service Manual Correction	VRDMA 9011002
AU-650	36	Upper Drum and the Drum Unit Change	VRDMS 8704036	AU-650	77	Small Cassette Motor Voltage	VRDMS 8705077
AU-650	37	Exploded View of Packaging	VRDMS 8705037	AU-650	78	Parts Change	VRDMS 8705078
AU-650	38	Improved Product Packaging	VRDMS 8705038	AU-650	79	Color / B/W Switching	VRDMS 8705079
AU-650	39	Part Numbers for Posts	VRDMS 8705039	AU-650	80	Loose Shield Plates	VRDMS 8705080
AU-650	40	FM Audio Frequency Characteristic Improvement	VRDMS 8705040	AU-650	81	Rewind is slow in the REW Mode	VRDMS 8705081
AU-650	41	Vertical Line After Dubs	VRDMS 8705041	AU-650	82	Servo Unlocks during Recording and Playback	VRDMS 8705082
AU-650	42	2T Pulse Smeear	VRDMS 8705042	AU-650	83	Change of Software (P-ROM)	VRDMS 8705083
AU-650	43	Pr and Pb Signal Noise	VRDMS 8705043	AU-650	84	FG AMP and Tape Slack	VRDMS 8705084
AU-650	44	Crosstalk in WFM Output	VRDMS 8705044	AU-650	85	Change of Software (P-ROM)	VRDMS 8705085
AU-650	45	Vertical Noise	VRDMS 8705045	AU-650	86	Change of Software (P-ROM)	VRDMS 8706086
AU-650	46	C SAG	VRDMS 8705046	AU-650	87	Change of Software (P-ROM)	VRDMS 8706087
AU-650	47	COMPOSITE S/N Improvement	VRDMS 8705047	AU-650	88	Incorporation of Production Edit Panel	VRDMS 8706088
AU-650	48	FM Audio (CH3) S/N Ratio	VRDMS 8705048	AU-650	89	Audio Pop Noise (Linear Audio)	VRDMS 8706089
AU-650	49	TC Leakage	VRDMS 8705049	AU-650	90	System Control IC Part Number Correction	VRDMS 8707090
AU-650	50	FM Audio S/N	VRDMS 8705050	AU-650	91	Part Numbers for 9P cable	VRDMS 8707091
AU-650	51	Audio Noise	VRDMS 8705051	AU-650	92	No Y RF Signal from AT Head Amp	VRDMS 8707092
AU-650	52	DG and DP Adjustment	VRDMS 8705052	AU-650	93	NR Circuit Tolerance	VRDMS 8707093
AU-650	53	Change of Software (P-ROM)	VRDMS 8705053	AU-650	94	Part Number Change	VRDMS 8707094
AU-650	54	Y S/N Ratio	VRDMS 8705054	AU-650	95	Change of IC	VRDMS 8707095
AU-650	55	Parts Change	VRDMS 8705055	AU-650	96	Part Numbers for Front Panel	VRDMS 8707096
AU-650	56	Temperature Related Chroma Changes	VRDMS 8705056	AU-650	97	Color Phase and Level Shift	VRDMS 8707097
AU-650	57	No REV Function (IC86)	VRDMS 8705057	AU-650	98	Audio Pop Noise at Insert	VRDMS 8707098
AU-650	58	Tension Detector Adjustment	VRDMS 8705058	AU-650	99	Color Phase Shift	VRDMS 8707099
AU-650	59	Y Linearity	VRDMS 8705059	AU-650	100	Servo Instability	VRDMS 8707100
AU-650	60	Chroma Phase and Clamp Ref. Adjustments	VRDMS 8705060	AU-650	101	Green Picture in E-E Mode	VRDMS 8707101
AU-650	61	Carrier Balance Shift	VRDMS 8705061	AU-650	102	Subcarrier Balance Shift	VRDMS 8707102
AU-650	62	Misoperation of Direction Detection during X4 Mode	VRDMS 8705062	AU-650	103	Change of the Upper Flange of the P1 and P7 Posts	VRDMS 8707103
AU-650	63	Part Numbers for Knobs and Knob Grips	VRDMS 8705063	AU-650	104	Countermeasure for IC Oscillation	VRDMS 8711104
AU-650	64	Eject Button Improvement	VRDMS 8705064	AU-650	105	Tape Damage	VRDMS 8711105
AU-650	65	Full Erase Head Standardization	VRDMS 8705065	AU-650	106	Service Manual Correction	VRDMS 8711106
AU-650	67	Change of Software	VRDMS 8705067	AU-650	107	Change of Software (P-ROM)	VRDMS 8801107
AU-650	68	Noise in Picture	VRDMS 8705068	AU-650	108	Change of A/C Head	VRDMS 8806108
AU-650	69	Parts Change for VISC	VRDMS 8705069	AU-650	109	Service Manual Correction	VRDME 8809039
AU-650	70	Countermeasure for ENC Non-Linearity	VRDMS 8705070	AU-650	110	Service Manual Correction	VRDME 8809040
AU-650	71	Y Linearity	VRDMS 8705071	AU-650	111	Service Manual Correction	VRDMS 8809109
AU-650	72	Malfunction of Leaf Switch	VRDMS 8705072	AU-650	113	Improvement of Power Supply Circuit	VRDMS 8812112
AU-650	73	Reel Table Change	VRDMS 8705073	AU-650	114	Standardization of Parts	VRDMS 8812113
AU-650	75	Improvement of REC EQ Adjustment	VRDMS 8705075	AU-650	116	P-ROM Change	VRDMS 8904115
AU-650	76	Improvement of the LINE OUT Attenuator Precision	VRDMS 8705076	AU-650	118	Change of Board Puller	VRDMS 8904117

AU-650 Bulletins continued

Model	Bulletin #	Subject	Order #	Model	Bulletin #	Subject	Order #
AU-650	119	Audio 2 Board Transistor Substitutions	VRDMS 8904118	AU-650	160	Change of Circuit Breakers	VRDMS 8910159
AU-650	120	High Voltage Harness	VRDMS 8904119	AU-650	161	Standardization of Parts	VRDMS 8910160
AU-650	121	Change of Power Cable	VRDMS 8906120	AU-650	162	Parts Change Information	VRDMS 8910161
AU-650	122	Change of IP Spring	VRDMS 8906121	AU-650	163	Standardization of Worm Unit	VRDMS 8910162
AU-650	123	Standardization of Stopper Upper Holder	VRDMS 8906122	AU-650	164	Standardization of Parts	VRDMS 8910163
AU-650	124	Change of Magnet Sensor Holder	VRDMS 8906123	AU-650	165	Standardization of Parts	VRDMS 8910164
AU-650	125	Standardization of Parts	VRDMS 8906124	AU-650	166	Standardization of Parts	VRDMS 8910165
AU-650	126	Part Number Change	VRDMS 8906125	AU-650	167	Standardization of IC	VRDMS 8910166
AU-650	127	Change of Arm Sleeve	VRDMS 8906126	AU-650	168	Fan Motor Change	VRDMS 8910167
AU-650	128	Standardization of Parts	VRDMS 8906127	AU-650	169	Service Manual Correction	VRDMS 8910168
AU-650	129	Standardization of Parts	VRDMS 8906128	AU-650	170	Standardization of Press Levers	VRDMS 8911169
AU-650	130	Standardization of Parts	VRDMS 8906129	AU-650	171	Addition of Washers	VRDMS 8911170
AU-650	131	Improvement of Capacitor's Specifications	VRDMS 8906130	AU-650	172	Parts Change Information	VRDMS 8911171
AU-650	132	Elimination of Chroma Horizontal Noise	VRDMS 8906131	AU-650	173	Standardization of Parts	VRDMS 8911172
AU-650	133	Character-Superimpose Disturbance	VRDMS 8906132	AU-650	174	Change of Flat Cable for Cassette Compartment	VRDMS 8911173
AU-650	134	Extension of Electronic Capacitors Life	VRDMS 8906133	AU-650	175	Checking Procedure for AU-650 TBC1 PLL	VRDMS 8912174
AU-650	135	Unloading Drive Voltage	VRDMS 8906134	AU-650	176	R/F Interference Via Connector	VRDMS 9002176
AU-650	136	Audio "Beat" Visible in Video	VRDMS 8906135	AU-650	177	Change of Turn Roller Guide	VRDMS 9002177
AU-650	137	IC Standardization	VRDMS 8907136	AU-650	178	Change of Screws	VRDMS 9002178
AU-650	138	Change of Transformer	VRDMS 8907137	AU-650	179	Change of Screws	VRDMS 9002179
AU-650	139	Audio Pop Noise	VRDMS 8907138	AU-650	180	Removal of P.C. Board Guide	VRDMS 9002180
AU-650	140	Transistor and A/D Converter Damage	VRDMS 8907139	AU-650	181	Reinforcement of Control Panel Handles	VRDMS 9002181
AU-650	141	Malfunction of the Audio P.B. Muting Circuit	VRDMS 8907140	AU-650	182	Change of Main Shaft and Gears	VRDMS 9002182
AU-650	143	Change of Turn Roller Spring	VRDMS 8907142	AU-650	183	Improvement of Cassette Compartment Reliability	VRDMS 9002183
AU-650	144	Change of the Upper Flange of the P10 Post	VRDMS 8907143	AU-650	184	Change of Supply Reel Motor	VRDMS 9002184
AU-650	145	Standardization of Screw	VRDMS 8907144	AU-650	185	Change of IC	VRDMS 9004185
AU-650	146	Standardization of Parts	VRDMS 8907145	AU-650	186	Improvement of Drop Out Compensation	VRDMS 9004186
AU-650	147	Standardization of Parts	VRDMS 8907146	AU-650	187	Improvement of D.O.C. Speed	VRDMS 9004187
AU-650	148	Standardization of Loading Unit	VRDMS 8907147	AU-650	189	Adjustment Procedure for AU-650	VRDMS 9004189
AU-650	149	Change of Fan Motor Installation	VRDMS 8907148	AU-650	190	Improvement of D.O.C. Circuit	VRDMS 9005190
AU-650	150	Standardization of Parts	VRDMS 8907149	AU-650	191	Horizontal Jitter in N STD Playback	VRDMS 9007191
AU-650	151	Supply/Take-up Brake Solenoids	VRDMS 8907150	AU-650	193	Service Manual Correction	VRDMS 9008193
AU-650	152	Standardization of P.C. Board	VRDMS 8908123	AU-650	194	Supplement Service Manual Correction	VRDMS 9008194
AU-650	153	Part Number Standardization	VRDMS 8910151	AU-650	195	Improvement of Power Supply Beat	VRDMS 9008195
AU-650	154	Change of P.C. Board Holder Angle	VRDMS 8910152	AU-650	197	Change of Front Loading P.C. Board	VRDMS 9010199
AU-650	155	Standardization of Kick Lever	VRDMS 8910153				
AU-650	156	Change of Sub Loading Unit	VRDMS 8910154				
AU-650	157	Change of the Upper Flanges of the P8, P9, P12 Posts	VRDMS 8910155				
AU-650	158	Standardization of Guide Frame	VRDMS 8910157				
AU-650	159	Service Manual Correction	VRDMS 8910158				

MII Users Association of America Membership Listing

2PM Multimedia Jim Wine P.O. Box 2 Linden, VA 22642 (703) 636-4142	Allen Organ Company Clark Ferguson 150 Locust St Macungie, PA 18062 (215) 966-2202	AVEC Electronics Corp. John Heinke 711 Granby St Norfolk, VA 23510 (804) 627-3502	Bloomquist & Associates, Inc Dick Bloomquist 828 N. Addison Ave Elmhurst, IL 60126 (708) 530-4077
3M-Bob Herman 3M Center Building 223-5N-01 St Paul, MN 55119 (612) 736-2549	All Pro Production Nathan Bacher 124 W. 60th St., Suite 20B New York, NY 10023 (212) 489-5780	Avon Productions Fred Lipowitz 123 Matis Street South Plainfield, NJ 07080 (908) 756-0643	Bob Benson Video Film Robert Benson 287 Chappel St Holden, MA 01520 (508) 829-4105
3M Tape Sales Dave Rahmlow 908 N. Elm St. Hinsdale, IL 60521 (800) 942-3961	AME-Bill Messersmith 1133 N. Hollywood Way Burbank, CA 91505 (818) 841-7440	Avonix Ken Muehlbauer Bob Buss P.O. Box 505 3495 N. 124th St Brookfield, WI 53008-0506 (414) 783-6050	Bosworth Graves Norm Bosworth 1055 S. 700 W Salt Lake City, UT 84104 (801) 972-6128
AAACHEN Productions George Phelps 11261 S.W. 177th St. Miami, FL 33157 (305) 255-9563	American Heritage Cable Brian Sawyer 1729 McPherson Ave Council Bluffs, IA 51503 (712) 328-7207	AVS Jeff Kreger 75C Coolspring Rd. Fredricksburg, VA 22401 (703) 371-8324	Broadcast Video Productions Jack Miller 480 Main Street Armonk, NY 10504 (914) 273-6649
ADV Tech Thomas Huckle 8057 Crossbridge Rd Dublin, CA 94568 (415) 833-6031	American Magnetic Media Steve Helmick 5580 Havana Unit 6A Denver, CO 80239 (800) USA-TAPE	Ball State University Bill Cahoe University Media Services Munice, IN 47306 (317) 285-1487	Business TV Associates Mark Hewitson RR 1, Box 71 McLean, IL 61754 (309) 874-2908
ABO Graphics Allan Ostling 1089 3rd Ave., SW Suite 202 Carmel, IN 46032 (317) 844-6322	AMPROD Inc. Ken Santucci 4531 Stone Pine Court Chantilly, VA 22021 (703) 818-1353	BCS Steve Cohen 460 W. 34th Street New York, NY 10001	Camera Mart Mitchell Hyman 456 W. 55th St. New York, NY 10019 (212) 757-6977
AICPA-Jim Catone TV Studio 5th Floor 1211 6th Ave. New York, NY 10036 (212) 575-5490	Walter Arandia 4311 S. 9th St Arlington, VA 22204 (703) 521-9475	Bell Atlantic Tom Erdely 801 Roeder Road Silver Spring, MD 20910 (301) 565-8663	Centercom Bob Harmon 5737 W. Hemlock Street Milwaukee, WI 53223 (414) 353-2001
Airtime Design Brooks Reid 6490 SW 113th Miami, FL 33156 (305) 666-0925	Atlanta Video Production Center Joseph Gora 1570 Northside Dr. NW 240 Atlanta, GA 30318 (404) 355-3398	Bell Atlantic Morris Boch 1 Parkway, 2nd Floor Philadelphia, PA 19102 (215) 466-3896	Center Video Rex Balz 5615 W. Howard Street Niles, IL 60648 (800) 621-4354
Allen AME Church Gary Fulmore 1100-54 Merick Blvd Queens, NY 11432 (718) 526-3510	AVA Productions Dick Slade 1412 Northcrest Drive Silver Spring, MD 20904 (301) 384-9595	Bell Atlantic Corporate Television Richard Deiss 540 Broad Street, Room 400 Newark, NJ 07101 (201) 649-3885	Century Design Jody Heurung 530 15th Ave. S. Hopkins, MN 55343-7889 (612) 935-0033

MII Users Association of America Membership Listing

continued from previous page

Champion Auto Stores Larry Gilbertson 5520 N. Highway 169 New Hope, MN 55428 (612) 535-5984	Copymaster Video Larry Stengren 711 E. Fairfield Ave. Villa Park, IL 60181 (708) 279-1276	Duff Video Productions Ron Duff P.O. Box 881 Cape Girardeau, MO 63702-0881 (314) 334-1189	George Mason University Henry Boisvert Univ. Drive TV Studio Fairfax, VA 22030 (703) 323-3586
Channel One Video Bill Channel PO Box 1437 Seabrook, NH 03874 (603) 474-5046	Cornerstone TV Gary Stuart Signal Hill Dr Wall, PA 15148 (412) 824-3930	Eaton Corporation Jerry Martin 4201 N. 27th St Milwaukee, WI 53216 (414) 449-6216	Grant Booker Video Terry Grant 2543 Nicollet Ave. S Minneapolis, MN 55404 (612) 870-0028
Christian Video Ministries J.D. Dunson HCR 2 Beeville, TX 78102 (512) 358-3416	Creative Associates Harrison Feather 626 Bloomfield Ave. Verona, NJ 07044 (201) 857-3444	Ed Janik Productions Ed Janik RR 2, Box 94C Pleasant Plains, IL 62677 (217) 626-1976	Grass Valley Group Don Davis P.O. Box 1114, Mail Stop N3-28 Grass Valley, CA 95945 (916) 478-3097
Erik Ciel 1102 Denise Circle Phoenixville, PA 19460-1815 (215) 933-3380	C-SPAN-Brian Lockman 444 North Capitol Street Suite 412 Washington, DC 20001 (202) 737-3220	E.I. Dupont-Jack Green 901 W. Dupont Ave. Belle, WVA 25015 (304) 357-1835	Greater Rochester Cable Harry Goldberg 71 Mount Hope Ave Rochester, NY 14620 (716) 325-1111
Cinequipt-Kevin Groves 856 Raymond Ave St Paul, MN 55114 (612) 646-1780	Data Security Inc. Jeff Young 2801 N. 27th St. Lincoln, NE 68521 (800) 225-7554	Empire Video Robert Rositzke 3412 Ramsgate Ter. Alexandria, VA 22309 (703) 360-6623	Greenville Technical College Michael Conet PO Box 5616 Greenville, NC 29606-5616
CNBC Mr. M. Reitman 2200 Fletcher Ave. Fort Lee, NJ 07024	Dan Fitzgerald P.O. Box 126 Tecumseh, MI 49286 (517) 423-8124	The Family Channel Russ Murphy 1000 Centerville Turnpike Virginia Beach, VA 23463 (804) 523-7874	C. Mark Guenther 7529 McWhorter Pl.#303 Annandale, VA 22003 (703) 941-6943
Colortone Jack Miller 76 S. Central Ave. Elmsford, NY 10523 (914) 592-4151	David Larson Productions David Larson 5910 N. Lilly Road Menomonee Falls, WI 53051 (414) 252-4122	Fishing the West Kerry Brown 5484 SE International Way Milwaukie, OR 97222 (503) 654-0092	Horizon Production, Inc. Bill Jacobs 2321 Kemper Ln Cincinnati, OH 45206 (513) 559-0550
Communications Televideo Ltd. Paul Farren 9301 Georgia Ave. Silver Spring, MD 20910 (301) 585-6311	Davis Audio-Visual, Inc. Howard Goldbaum 2100 Clay St. Denver, CO 80211	Fraser Orton Productions Dennis Fraser 2150 Memorial Dr., Suite 212 Green Bay, WI 54303 (414) 494-6150	House Recording Studios Rick VanWinkle B310 Rayburn Building Washington, DC 20515 (202) 225-3941
Continental Cablevision Alan Tomasetti 141 N.W. 16th St Pompano Beach, FL 33060 (305) 946-7011	Dench Video Services, Inc. Tim Dench 9141 Bardstown Rd. Louisville, KY 40291 (502) 239-0229	Garden State Cable TV Martin Otremsky 1250 Haddenfield-Berlin Rd. Cherry Hill, NJ 08034 (609) 354-1223	IBM-Tommy Lee 3100 Windy Hill Rd. Internal Zip WE1C1 Marietta, GA 30067 (404) 835-3492
Conus Communications Jonathan Meyers 3415 University Ave St Paul, MN 55114 (612) 642-4637	Don Brown Productions Don Brown 867 N. Main St Orange, CA 92668 (714) 771-9711	Gardy-McGrath (Intl) Inc. Dave Gardy 8580 Cinderbed Rd., Suite 1000 Newington, VA 22122 (703) 339-8500	Industrial Video John Barak 1601 N. Ridge Rd E. Lorain, OH 44055 (216) 277-1218

MII Users Association of America Membership Listing

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Infovideo Don Lyman 4833 Del Ray Ave. Bethesda, MD 20814 (301) 986-8811	KBSP Tim Mance 4923 Indian School Rd, NE Salem, OR 97305 (503) 390-2202	KSPY Doug Loos 300 N. Dakota Ave, Suite 1000 Sioux Falls, SD 57102 (605) 336-1300	Little Fort Media Weldon Johnson 113-115 N Genesee Waukegan, IL 60085 (708) 244-9666
Insight-Tom Carroll 288 Pillow St Norwalk, CT 06850 (203) 853-1115	KCFW-TV Carol Boisvert PO Box 857 Kalispell, MT 59901 (406) 755-5239	KTRV Brian Royster 679 6th St Nampa, ID 83651 (208) 466-1200	Lowe's Companies, Inc. Bill Hurd PO Box 1111 North Wilkesboro, NC 28656 (919) 651-4933
International Media Robert Hatch Boston Building, Suite 220 Salt Lake City, UT 84111 (801) 532-7770	KBOG Marvin Macedo PO Box 1029 Fayetteville, AR 72701 (501) 521-1010	KTSM-TV Chief News Photographer 801 N. Oregon St. El Paso, TX 79902 (915) 532-5421	MagnaTech Michael Pardo 3941 SW 47th Ave. Ft Lauderdale, FL 33314 1-800-683-DUPE (305) 791-6711
In The Light Richard Kamper 629 Roundtree Dr. Mesquite, TX 75150 (214) 279-7200	KCNC-TV David Layne P.O. Box 5012 TA Denver, CO 80217 (303) 830-6426	KUSI Richard Large 4575 View Ridge Ave San Diego, CA 92123 (619) 571-5151	Mayo Clinic Marvin Mitchell Video Communications Systems Rochester, MN 55905 (507) 284-2511
Iowa State University Denny Goodrich Media Production Unit Exhibit Hall S Ames, IA 50011 (515) 294-2316	KHQ Jeff Hite P.O. Box 8088 Spokane, WA 99203 (509) 448-4655	KXXV Jerry Copeland PO Box 2522 Waco, TX 76702 (817) 754-2525	Mayo Clinic Asa Floyd 4500 San Pablo Rd. Jacksonville, FL 32224 (904) 223-2672
Iris Multimedia Robert Logsdan PO Box 726 Burlington, VT 05402 (802) 865-9560	KJRH Vic Turner 370 S. Peoria St Tulsa, OK 74105 (918) 743-2222	Lakeland Regional Medical Center Education Dept. Ryan Lee 1324 Lakeland Hills Blvd. Lakeland, FL 33805 (813) 687-1127	Media Concepts Bob Skidmore 559 49th Street South St. Petersburg, FL 33707 (813) 321-2122
ISDL Sam Tonnison 234 West Upsal St. Philadelphia, PA 19119	KPLR Tommy Gray 4935 Lindell Blvd. St. Louis, MO 63108 (314) 454-6310	LCR Productions Leo Rotkiewicz, Jr. 46 Elm St South Deerfield, MA 01373-1006 (413) 665-2946	Media Partners of MA Gary Pink 1837 Ocean St. Marshfield, MA 02050 (617) 837-5301
Jubilee Ministries David Welsh 1640 Columbia Rd., NW Washington, DC 20009 (202) 328-1102	Kramer Video Tom Kramer PO Box 22446 Seattle, WA 98122 (206) 322-6555	Legal Media Center Kevin McInturff 4151 SW Freeway Suite 715 Houston, TX 77027 (713) 963-0397	Mediasource, Inc. Bill Parks 2121 Wisconsin Ave., N.W. Suite 64 Washington, DC 20007 (202) 298-8100
KARE Cheryl Ivey 8811 Olson Memorial HWY Minneapolis, MN 55427 (612) 546-1111	KRBK-TV Annette Wegefeld 500 Media Pl. Sacramento, CA 95815 (916) 929-0300	Lentz & Associates LA Lentz PO Box 6181 Raleigh, NC 27628 (919) 828-6761	Miller Meester Advertising Dan Sauard 17 N Washington Ave Minneapolis, MN 55401 (612) 337-9120

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Pierre Miron C 15205 S. Main Houston, TX 77035 (713) 499-8764	NBC Bill Sacrey 30 Rockefeller Plaza Rm 1210W New York, NY 10112 (212) 664-7140	NBC News Mel Weidner 30 Rockefeller Plaza, RM 807 New York, NY 10112 (212) 664-6118	PKB Video Peter Hickman 1997 M-50 Tecumseh, MI 49286 (517) 423-2137
Mission Video Support Paul Kloda 17800 Chillicothe Rd. STE 270 Chagrin Falls, OH 44022 (216) 543-1880	NBC Mr. Andy Morris 30 Rockefeller Plaza Rm 1210W New York, NY 10112	NBC News Stu Pearman 52-37 Second St Long Island City, NY 11101 (718) 482-8310	Preston Trucking-Bob Lyons 151 Easton Blvd. Preston, MD 21655 (301) 673-7151
Moraine Park Technical College Bob Haase P.O. Box 1940 Fond Du Lac, WI 54936-1940 (414) 929-2112	NBC Mr. G Hillier 30 Rockefeller Plaza Rm 1210W New York, NY 10112	New Orleans Convention Center Mike Blohm-Technical Services 900 Convention Center Blvd New Orleans, LA 70130 (504) 582-3062	PG County Office of TV Resources Don Mattingly 8437 Landover Road Landover, MD 20785 (301) 386-1629
Mountain View TV Anthony Evans 1500 SE Blairmont Dr Vancouver, WA 98684 (206) 253-2588	NBC Mr. S. Mahner 30 Rockefeller Plaza Rm 1210W New York, NY 10112	New York City Sanitation Department Mike Barbarotto Audio Visual Services Unit PO Box 213 Maspeth (Queens), NY 11378 (718) 507-3543	Professional Products, Inc. James Baldwin 4964 Fairmont Ave. Bethesda, MD 20814 (301) 657-2141
Moyse & Associates, Inc Claude Moyse PO Box 831 Latham, NY 12110 (518) 783-6221	NBC Jim Smith 300 W. Alameda Ave Rm 4359 Burbank, CA 91523 (818) 840-4281	New York Telephone Walter Erickson 1095 Avenue of the Americas, Rm 1600 New York, NY 10036 (212) 395-0111	Professional Products, Inc. Bob Williams 2605 N. Rolling Rd, Suite 406 Baltimore, MD 21207-1960 (301) 298-7111
Multi Image Group Jim Ballentine 1080 Holland Drive Boca Raton, FL 33487 (800) 523-2682	NBC Mr. W Johnston 300 W. Alameda Ave Burbank, CA 91523	Ohio Bell Telephone Company Dave Kennett 100 Erie View Plaza, Rm 230 Cleveland, OH 44114 (216) 822-3770	Promotional Films and Video, Inc. Al Peterson 1313 Cambridge St. Hopkins, MN 55343 (612) 935-2183
Nassau County Police (VISCOM) Benjamin Homenick 1490 Franklin Ave. Mineola, NY 11501 (516) 573-7013	NBC Mr. J. Schoedler 300 W. Alameda Ave Burbank, CA 91523	On Location Video Services Mr. Mel Rainer PO Box 35657 Houston, TX 77035 (713) 728-1020	Public Broadcasting Service Mark Richer 1321 Braddock Place Alexandria, VA 22314 (703) 739-5471
NATCO-Bob Brandia 2600 Lone Oak Point Eagan, MN 55121 (612) 726-0355	NBC Mr. T. Powers 454 N. Columbus Dr Chicago, IL 60611	Optical Audio Productions Mike Kuory P.O. Box 2243 Fort Collins, CO 80522 (303) 484-5535	Puget Sound Power & Light Company Charles Nishida PO Box 97034 OBC-09W Bellvue, WA 98009-9734 (206) 454-6363 x3231
National Video Exposure Clyde Land 5100 Kerry Dr. Atlanta, GA 30331 (404) 344-1551	NBC Mr. Wayne Grennier 101 Broad Avenue Fairview, NJ 07022	Phillip Morris USA Carmen Inge / Paul Verway P.O. Box 26603 Richmond, VA 23261 (804) 274-3721	Pumkin Creek Video Production Harold Ferguson 321 Coffee Ave North Wilksboro, NC 28659 (919) 667-7717
National Videotape Co. Mari Scimeca 63 Clay Seattle, WA 98121 (206) 441-1182			

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Q-1 Video Network Tim Bart 62 Divison Coldwater, MI 49036 (517)279-8752	Southern Illinois University John Kautzer Campus Box 1775 Edwardsville, IL 62026 (618) 692-2230	TVF Productions John Salter 1612 N. Oak St. Valdosta, GA 31602 (912) 244-9597	Video Management Systems Dan Ball 1004 E. Washington Street Indianapolis, IN 46202 (317) 639-6163
Quail Video Products Bill Frazier 949 Penn Ave Pittsburg, PA 15221 (412) 243-1300	Sigma Broadcasting Don Vest PO Box 4150 Ft Smith, AR 72914 (501) 783-4040	UCLA-Behavioral Sciences Media Lab NPI Gary Lord 760 Westwood Plaza Los Angeles, CA 90024 (213) 825-0448	Video on Location Jimmy & Dino Veizis 11600 Nebel St. Rockville, MD 20852 (301) 984-5823
Ralph Graves Productions, Inc. Bill Graves 5161 River Rd, Bldg 2, Suite 103 Bethesda, MD 20816 (301) 986-4577	Sign Media Inc. Verden Ness 4020 Blackburn Road Burtonsville, MD 20866 (301) 421-0268	United Artists Cable Peter Strang-Wolf 421 Allwood Rd Clifton, NJ 07012 (201) 779-2444	Video Spectrum Wayne Stephaney 630 Hedgewick Dr Lancaster, PA 17603 (717) 394-4042
Reed Film & Video Lloyd Reed 4501 Sonata Court Fairfax, VA 22031 (703) 978-5988	Smokey Hills Public TV Lloyd Mintzmeyer PO Box 9 Bunker, KS 67626 (913) 483-6990	United States Marine Corps Captain Glenn USMC Documentation Unit Quantico, VA 22134 (703) 640-2878	Video Supply Sales Co. Mark Radford 3440 Oakcliff Rd. Suite 112 Atlanta, GA 30340 (404) 458-2468
Riverside Film & TV Productions Rob Richardson, Jr. PO Box 543 Marrietta, OH 45750 (614) 373-0861	Southern States Cooperative Paul Charles 6606 W. Broad St. Richmond, VA 23230 (804) 281-1285	Versatile Video Services, Inc. Terry Burke P.O. Box 333 Yorktown, IN 47396 (317) 759-4747	Video-Tech Production Alan Thursby P.O. Box 2251 1602 Melrose Ct. Decatur, IL 62526 (217) 877-9422
Russell & Associates Sam Russell P.O. Box 877 Marion, VA 24354 (703) 783-2251	Strickland Video & Film Support John Strickland 2972 Chipmonk Trail Marietta, GA 30067 (404) 988-0803	Vertex Video Group Steven Zacharoff 1680 Bedford Ave. #22D Brooklyn, NY 11225 (718) 756-0438	VIDTEK James Lillis 9235 W. Capital Dr Milwaukee, WI 53222 (414) 466-7488
Sakolsky Productions Kerry Sakolsky 700 Biltmore Way, Suite 1202 Coral Gables, FL 33134 (305) 441-1935	S & W Productions Terry Schmitt Tom Prigge 459 Broyles Ave Paducah, KY 42003 (502) 554-3057	Video Concepts Bob Ramacher/Kevin Harrington 1295 S. Kihei Rd, Suite J Kihei, Maui, Hawaii 96753 (808) 879-1329	Virginia Baptist Board Glenn Starling P.O. Box 8568 Richmond, VA 23226 (804) 672-2100
Sallie Mae Charlie Hite 200 Fairbrook Dr Herndon, VA 22070 (703) 834-5737	Tentel Chuck Fodor 4475 Colden Foothills Pkwy El Dorado Hills, CA 95630 (800) 538-6894	Video Duplication David Heslin 3095 Presidential Dr. Ste F Atlanta, GA 30340 (800) 235-9732	Vision Enterprises Michael P.O. Box 2698 Christiansburg, VA 24068 (703) 382-0451
Sandia National Laboratories Jim Lloyd Organization 7212 P.O. Box 5800 Albuquerque, NM 87185 (505) 844-3867	TPI Productions-Bill Perkins 5410 Goldsboro Road Bethesda, MD 20817 (301) 320-5979	Videoland Productions Mitch McGeary 805-C College St.SE Lacey, WA 98503 (206) 491-1332	Vlahos Communications Harvey Vlahos State RT 156 Altamont, NY 12009 (518) 861-8176

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VPM Studios Gene Casaroll 13761 Bell Court Stirling Heights, MI 48312 (313) 939-8680	Windstar Studios Dan Lawson/Mike Wemple 525 Communications Cir. Colorado Springs, CO 80905 (719) 635-0422	WRC Harris Sullivan 4001 Nebraska Avenue Washington, DC 20016 (202) 885-4133
Washington Natural Gas John Cox 815 Mercer Street Seattle, WA 98111 (206) 622-6767	WJAC Rob Abele 1949 Hickory Ln Johnstown, PA 15905 (814) 255-7600	WTTV Fred Baumgrtner 3490 Bluff Road Indianapolis, IN 46202 (317) 787-2211
Washington Professional Systems Mike Gerry 11157 Viers Mill Rd Wheaton, MD 20902 (301) 942-6800	WJZY Ed McKay PO Box 668400 Charlotte, NC 28266-8400 (704) 398-0046	WTVO Al Petzke 1917 N Meridian Rd Rockford, IL 61105 (815) 963-5413
West Net Video Bob Abrahamson 20023 Legend Oak Dr. Humble, TX 77346 (713) 852-7883	WMC-TV Mike Schwartz 1960 Union Ave. Memphis, TN 38104 (901) 726-0555	WXYZ Mike Doback PO Box 789 Southfield, MI 48037 (313) 827-9490
WEWS-TV Ed Miller 3001 Euclid Ave. Cleveland, OH 44115 (216) 431-3687	WPIX Bob Murch 222 42nd St New York, NY 10017 (212) 210-2552	
WFLA Mike Realy 905 E Jackson St Tampa, FL 33614 (813) 228-8888	WPRI Jim Cofta 25 Catamore Blvd E Providence, RI 02914 (401) 438-7200	
WFTS Luis Romero Jean Varn 4501 E Columbus Dr Tampa, FL 33605 (813) 623-2828	WPSD-Engineering Dept. Jim Franklin P.O. Box 1197 Paducah, KY 42002-1197 (502) 442-8214	
WHIZ-TV Elmer Hartmeyer 629 Downard Rd. Zanesville, OH 43701 (614) 453-4079	WPTV Edward J. Roos P.O. Box 510 Palm Beach, FL 33480 (407) 655-5455	

If you are not currently a member of the MII Users Association of America
and would like to join, please contact us by phone, fax or mail at:

MII Users Association of America
 c/o GMG International, Inc.
 8580 Cinderbed Road, Suite 1000
 Newington, VA 22122
 Attn: Debbie
 (800) 966-1030
 (703) 339-8500
 fax (703) 339-0764

June Survey Results

Here are the survey results for the month of June 1991.

1. *Was your purchase of MII equipment more related to the reputation of the manufacturer (Panasonic or JVC) or the features of the MII machines?*

3.3% Based on price
15.0% Based on manufacturers reputation
81.6% Based on machine features

2. *Was your MII purchase an equipment upgrade or an equipment replacement?*

8.3% New facility
21.6% Equipment replacement
70.0% Equipment upgrade

3. *What format were you using prior to MII?*

1.6% MI
1.6% 8mm
3.3% Hi8
5.0% Betacam
5.0% Betacam SP
6.6% 2 inch Quad
15.0% SVHS
18.3% 3/4 inch SP
20.0% VHS
20.0% 1 inch
73.3% 3/4 inch

4. *Please list your MII equipment (models & quantities).*
(Percentage of respondents using these models)

Panasonic	JVC
AU-60 21.6%	KRM-260 3.3%
AU-62 11.6%	KRM-460 10%
AU-63 20.0%	KRM-800 13%
AU-65 28.3%	KRM-820 11.6%
AU-400 20.0%	KRM-860 3.3%
AU-410 5.0%	
AU-500 53.3%	
AU-520 11.6%	
AU-505 8.3%	
AU-550 3.3%	
AU-620 11.6%	
AU-630 3.3%	
AU-640 1.6%	
AU-650 40.0%	
AU-660 20.0%	
AU-665 3.3%	

Monthly Survey Questions

Each month the users association will poll users on specific MII issues and publish the results in the next newsletter. This months questions are:

1. What Edit Controller(s) are you currently using with your MII Editing configuration(s)?

N/A ☐ Do not do editing

Make and Model of

Controller(s) _____

MII Machine

models _____

If interformat, format(s) and machine models _____

2. How would you rate the edit controllers performance in your configuration?

Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor ☐

Comments _____

3. Are you having any problems with your controller? If so, please describe briefly.

Problems? No ☐ Yes ☐

4. How has service and support been from the edit controller company?

Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor ☐

Comments _____

It is most important for the membership that you respond to these questions, either by mail phone or by fax as soon as possible. Thank you for your input.

24 hour fax line (703) 339-0764

Phone (800) 966-1030 or (703) 339-8500

or Mail to:

MII Users Association of America

c/o GMG International, Inc.

8580 Cinderbed Rd. Suite 1000

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ATTN: Debbie